```
Information for      2018093
20:45:26.002: see_stat[1]: 8 internal error
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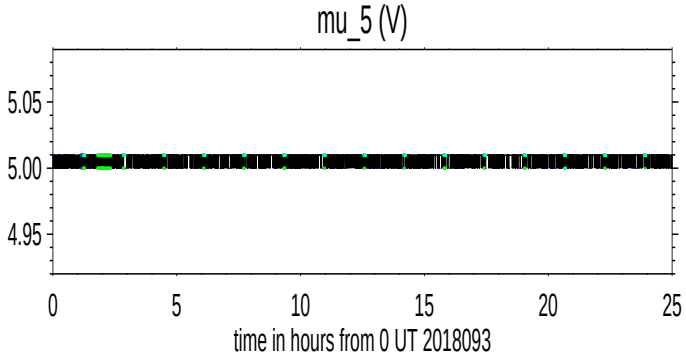
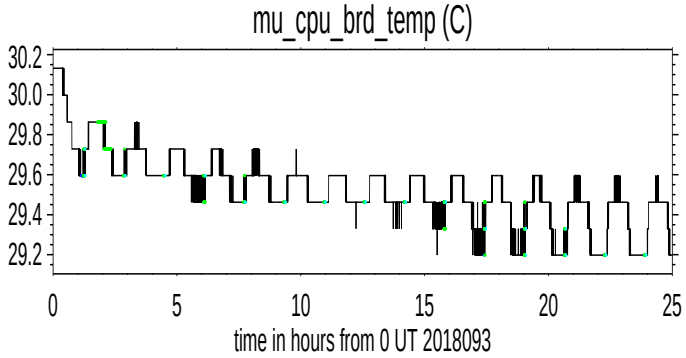

mu_5 (V)
5.05
5.00
4.95
0
5
10
15
20
25
time in hours from 0 UT 2018093


mu_cpu_brd_temp (C)
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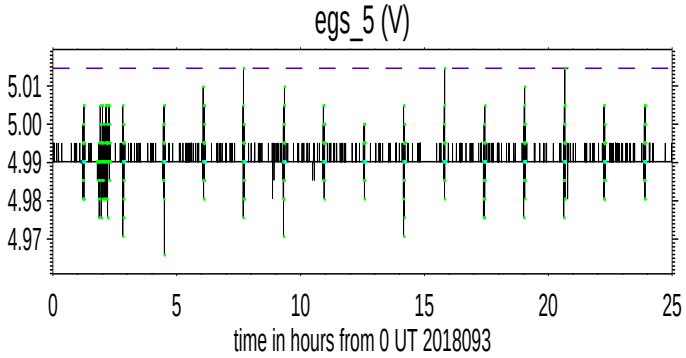
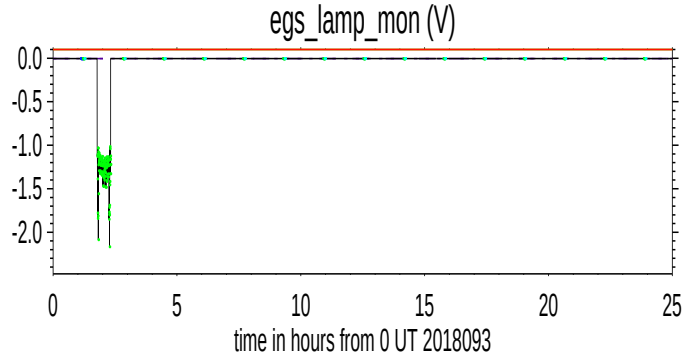
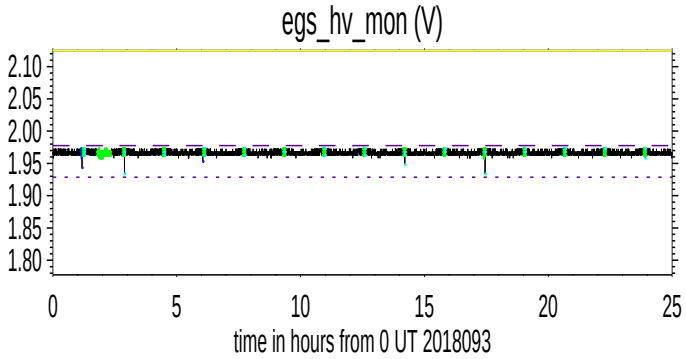
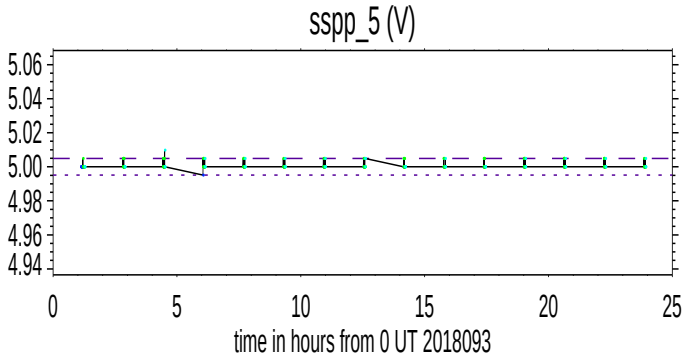
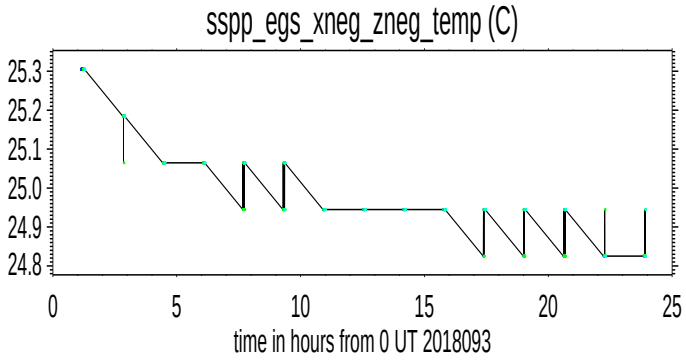
29.8
29.6
29.4
29.2
0
5
10
15
20
25
time in hours from 0 UT 2018093

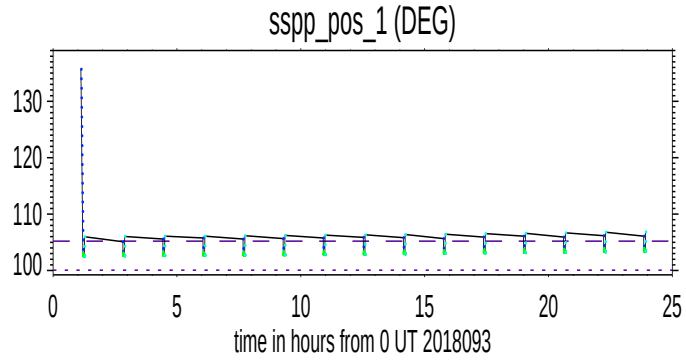

egs_5 (V)
5.01
5.00
4.99
4.98
4.97
0
5
10
15
20
25
time in hours from 0 UT 2018093

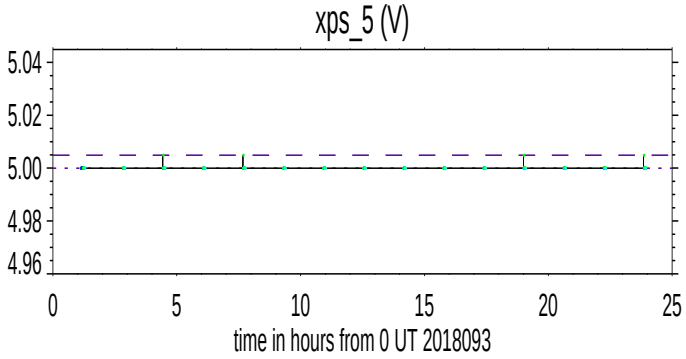

egs_lamp_mon (V)
0.0
-0.5
-1.0
-1.5
-2.0
0
5
10
15
20
25
time in hours from 0 UT 2018093


egs_hv_mon (V)
2.10
2.05
2.00
1.95
1.90
1.85
1.80
0
5
10
15
20
25
time in hours from 0 UT 2018093


sspp_5 (V)
5.06
5.04
5.02
5.00
4.98
4.96
4.94
0
5
10
15
20
25
time in hours from 0 UT 2018093


sspp_egs_xneg_zneg_temp (C)
25.3
25.2
25.1
25.0
24.9
24.8
0
5
10
15
20
25
time in hours from 0 UT 2018093


sspp_pos_1 (DEG)
130
120
110
100
0
5
10
15
20
25
time in hours from 0 UT 2018093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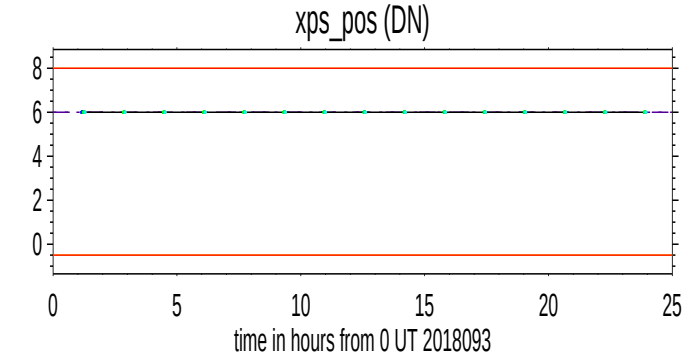
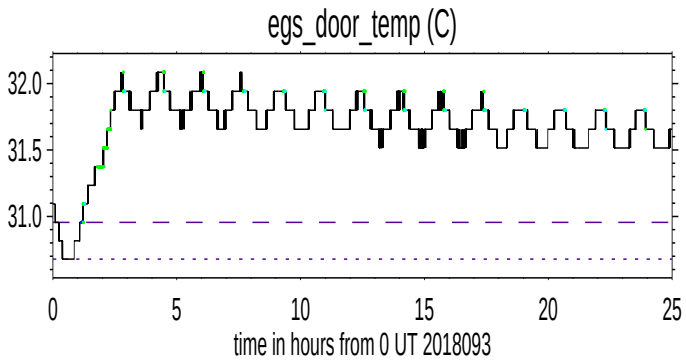
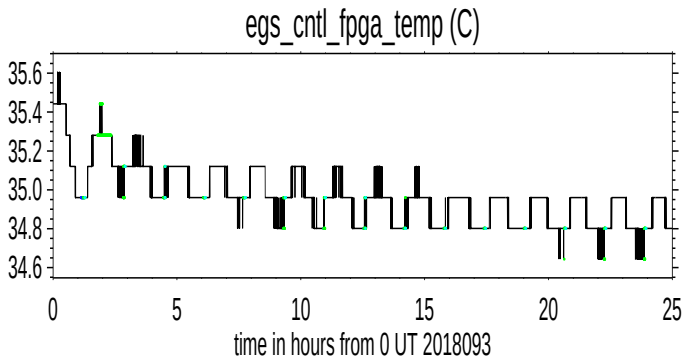
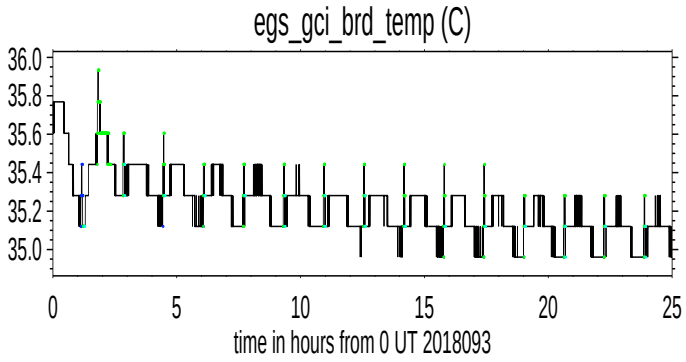
5.02
5.00
4.98
4.96
0
5
10
15
20
25
time in hours from 0 UT 2018093


xps_pos (DN)
8
6
4
2
0
0
5
10
15
20
25
time in hours from 0 UT 2018093


egs_door_temp (C)
32.0
31.5
31.0
0
5
10
15
20
25
time in hours from 0 UT 2018093


egs_cntl_fpga_temp (C)
35.6
35.4
35.2
35.0
34.8
34.6
0
5
10
15
20
25
time in hours from 0 UT 2018093


egs_gci_brd_temp (C)
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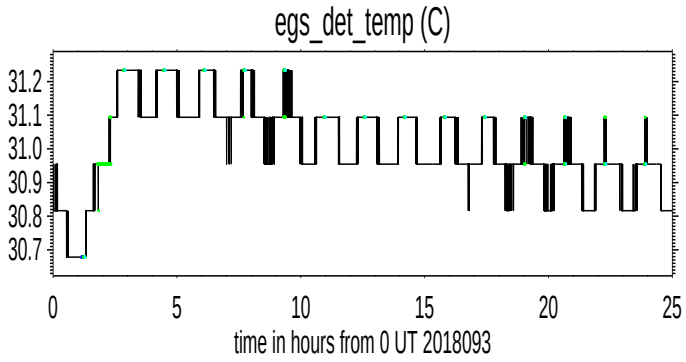
35.6
35.4
35.2
35.0
0
5
10
15
20
25
time in hours from 0 UT 2018093


egs_det_temp (C)
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31.0
30.9
30.8
30.7
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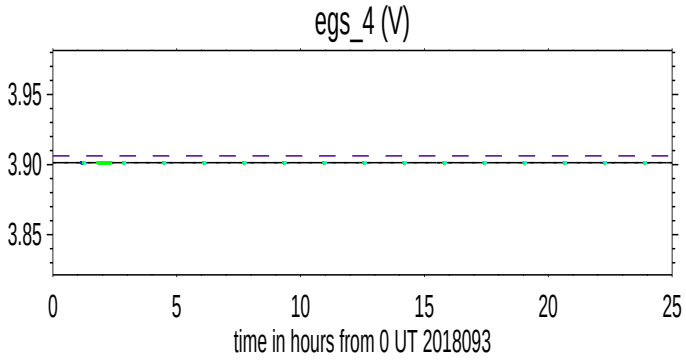
5
10
15
20
25
time in hours from 0 UT 2018093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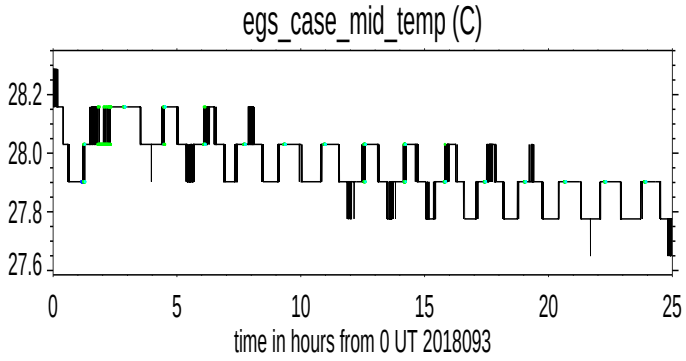
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2018093


egs_case_mid_temp (C)
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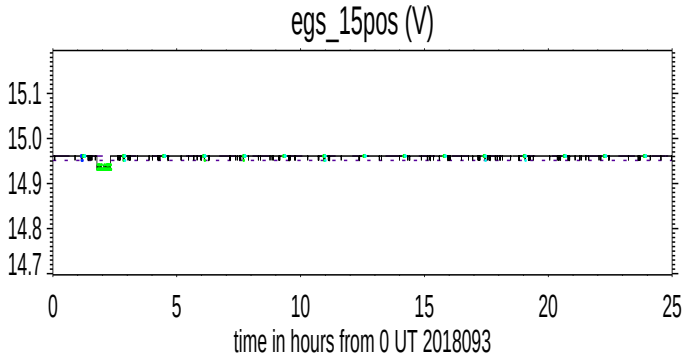
28.0
27.8
27.6
0
5
10
15
20
25
time in hours from 0 UT 2018093


egs_15pos (V)
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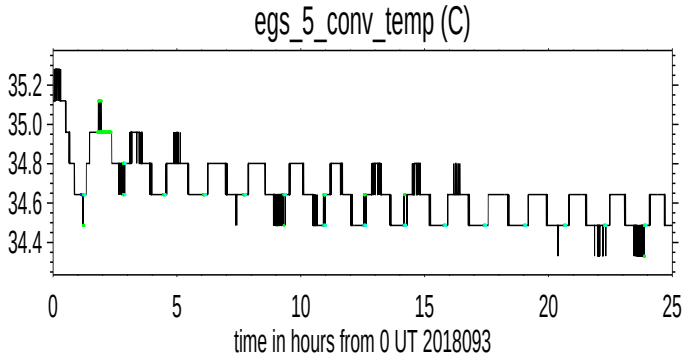
15.0
14.9
14.8
14.7
0
5
10
15
20
25
time in hours from 0 UT 2018093


egs_5_conv_temp (C)
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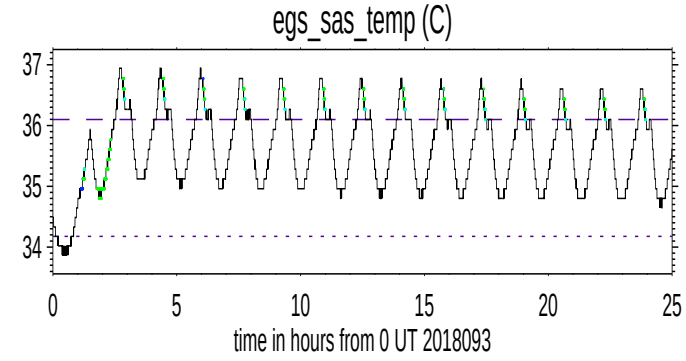
35.0
34.8
34.6
34.4
0
5
10
15
20
25
time in hours from 0 UT 2018093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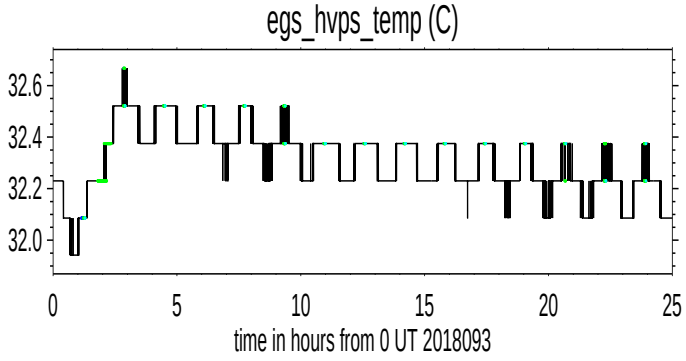
37
36
35
34
0
5
10
15
20
25
time in hours from 0 UT 2018093


egs_hvps_temp (C)
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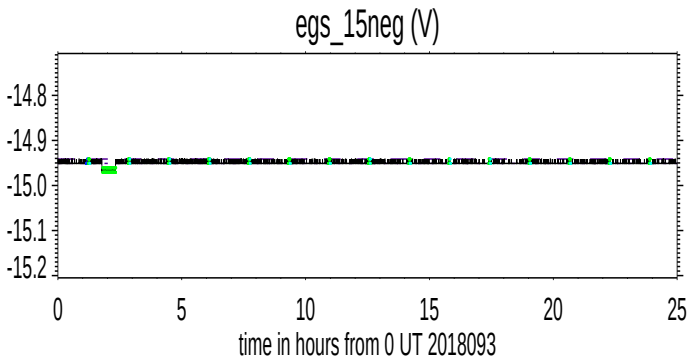
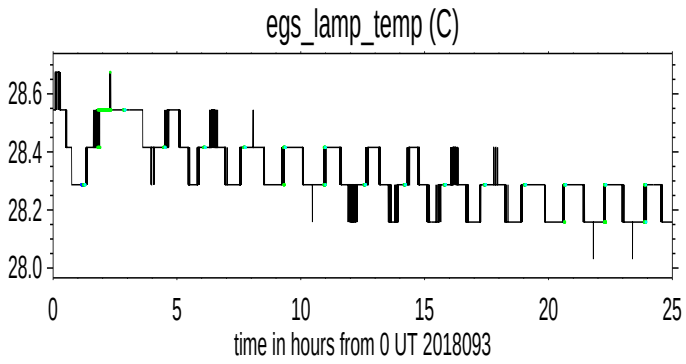
32.4
32.2
32.0
0
5
10
15
20
25
time in hours from 0 UT 2018093


egs_15neg (V)
-14.8
-14.9
-15.0
-15.1
-15.2
0 5 10 15 20 25
time in hours from 0 UT 2018093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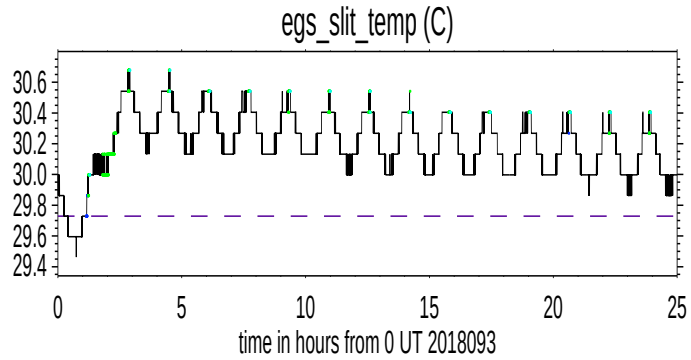
28.2
28.0
0 5 10 15 20 25
time in hours from 0 UT 2018093


egs_slit_temp (C)
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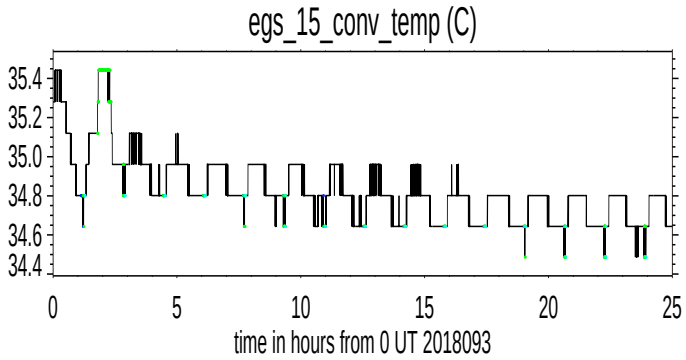
30.4
30.2
30.0
29.8
29.6
29.4
0 5 10 15 20 25
time in hours from 0 UT 2018093


egs_15_conv_temp (C)
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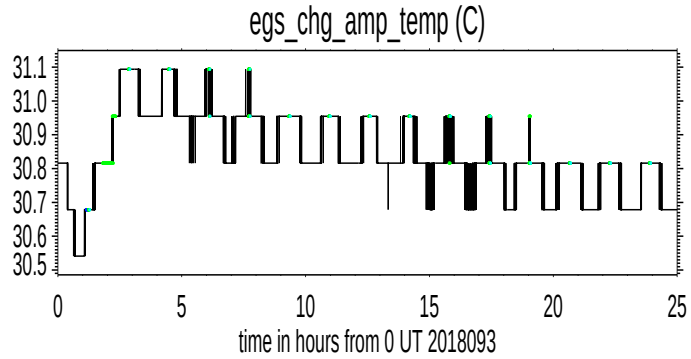
35.2
35.0
34.8
34.6
34.4
0 5 10 15 20 25
time in hours from 0 UT 2018093


egs_chg_amp_temp (C)
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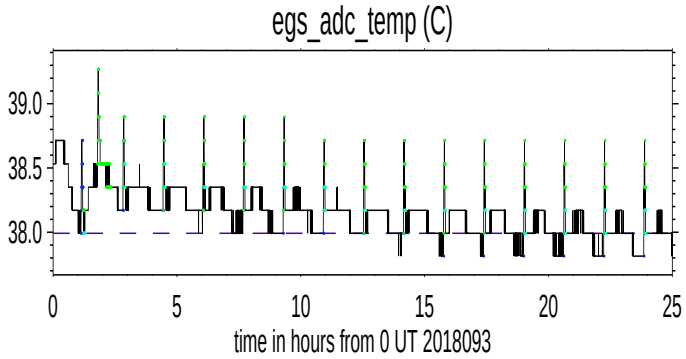
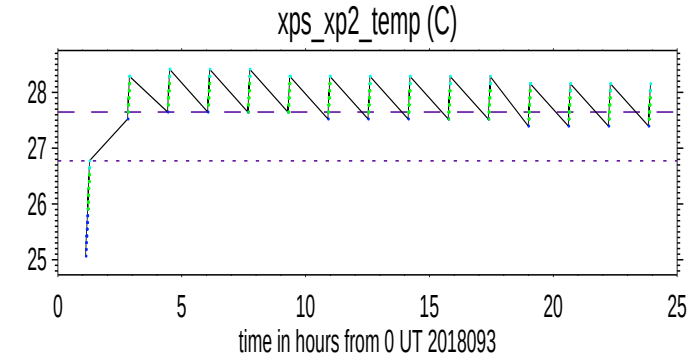
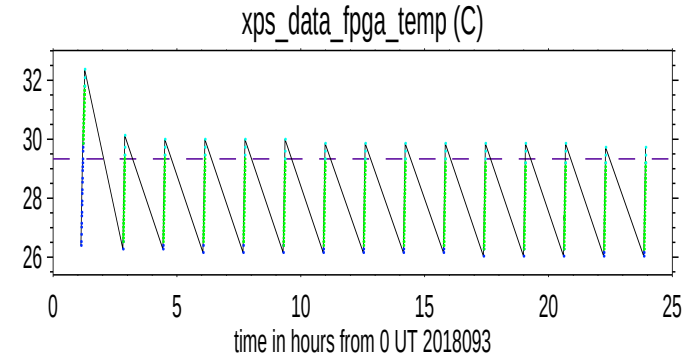
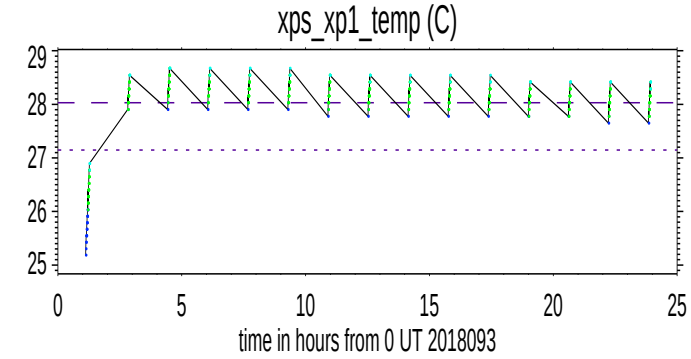
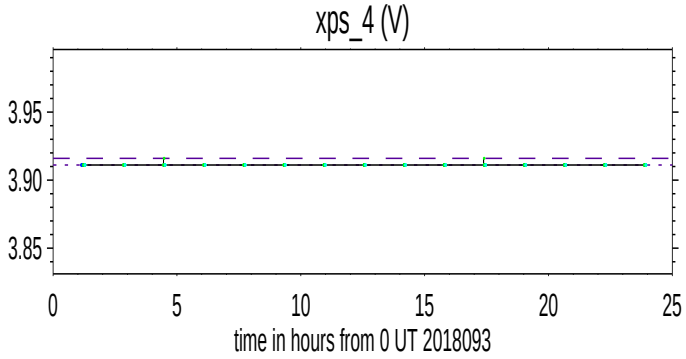
31.0
30.9
30.8
30.7
30.6
30.5
0 5 10 15 20 25
time in hours from 0 UT 2018093

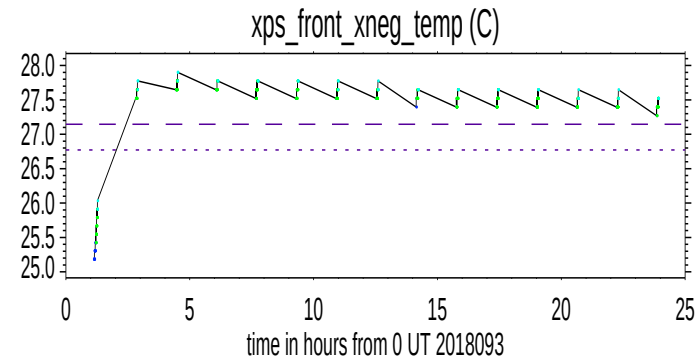

egs_adc_temp (C)
39.0
38.5
38.0
0 5 10 15 20 25
time in hours from 0 UT 2018093

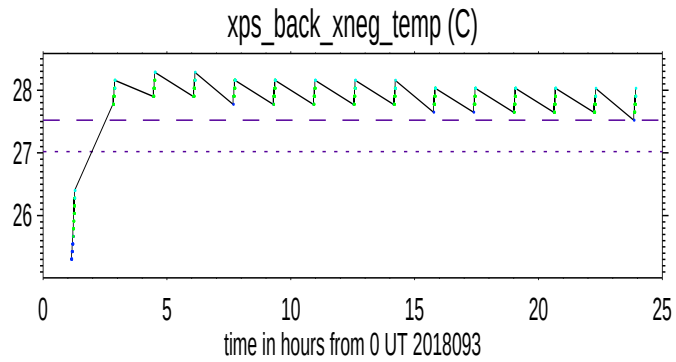

xps_xp2_temp (C)
28
27
26
25
0 5 10 15 20 25
time in hours from 0 UT 2018093

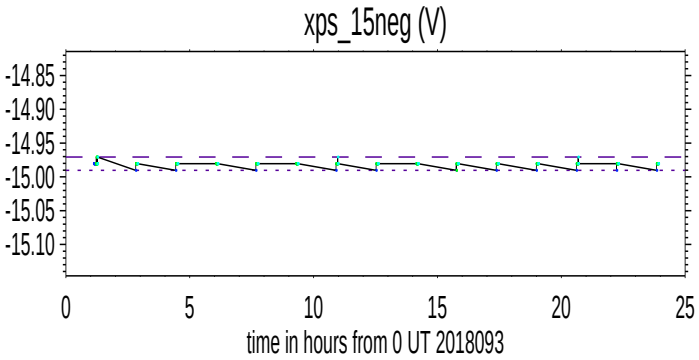

xps_data_fpga_temp (C)
32
30
28
26
0 5 10 15 20 25
time in hours from 0 UT 2018093


xps_xp1_temp (C)
29
28
27
26
25
0 5 10 15 20 25
time in hours from 0 UT 2018093


xps_4 (V)
3.95
3.90
3.85
0 5 10 15 20 25
time in hours from 0 UT 2018093


xps_front_xneg_temp (C)
28.0
27.5
27.0
26.5
26.0
25.5
25.0
0
5
10
15
20
25
time in hours from 0 UT 2018093


xps_back_xneg_temp (C)
28
27
26
0
5
10
15
20
25
time in hours from 0 UT 2018093


xps_15neg (V)
-14.85
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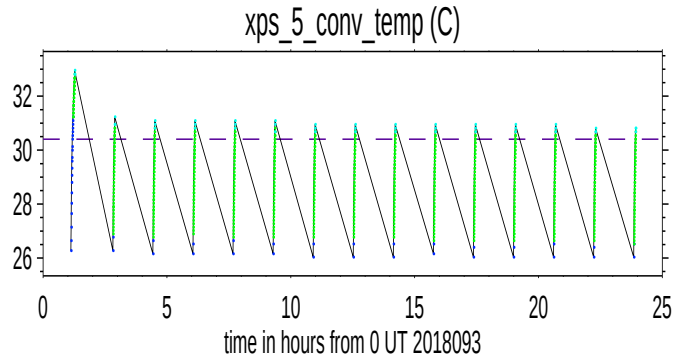
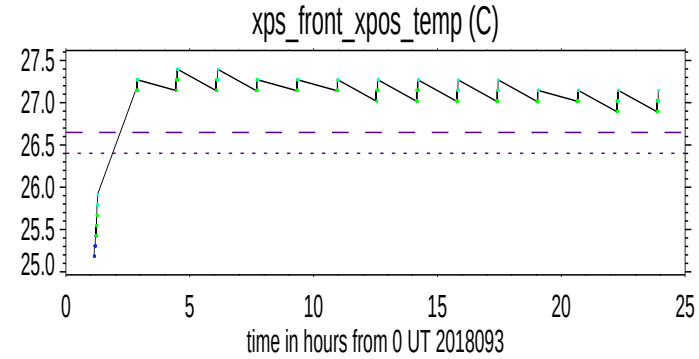
-14.95
-15.00
-15.05
-15.10
0
5
10
15
20
25
time in hours from 0 UT 2018093


xps_5_conv_temp (C)
32
30
28
26
0
5
10
15
20
25
time in hours from 0 UT 2018093


xps_front_xpos_temp (C)
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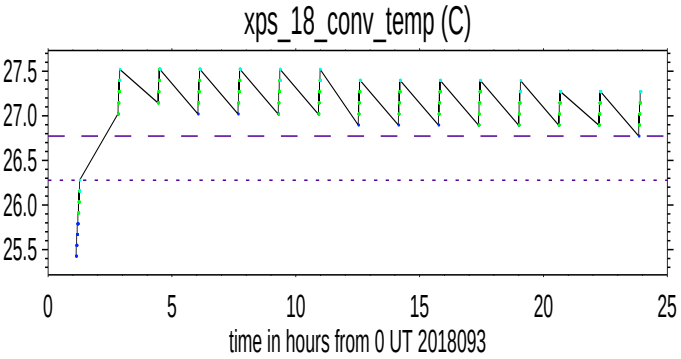
26.5
26.0
25.5
25.0
0
5
10
15
20
25
time in hours from 0 UT 2018093


xps_18_conv_temp (C)
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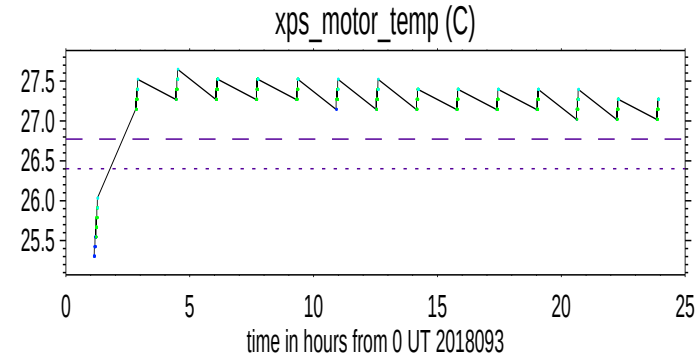
26.5
26.0
25.5
0
5
10
15
20
25
time in hours from 0 UT 2018093


xps_motor_temp (C)
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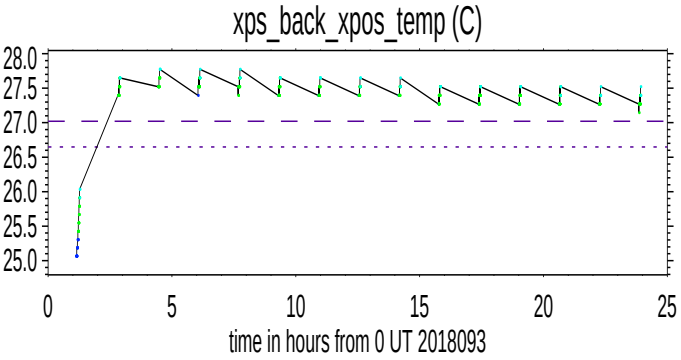
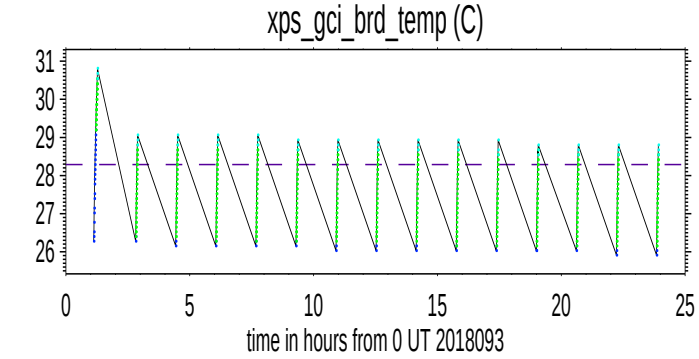
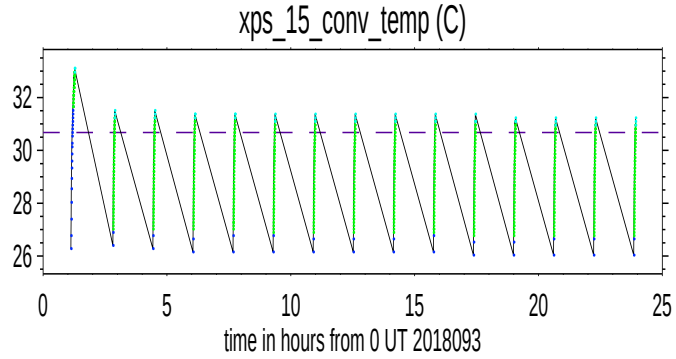
27.0
26.5
26.0
25.5
0
5
10
15
20
25
time in hours from 0 UT 2018093


xps_back_xpos_temp (C)
28.0
27.5
27.0
26.5
26.0
25.5
25.0
0
5
10
15
20
25
time in hours from 0 UT 2018093


xps_gci_brd_temp (C)
31
30
29
28
27
26
0
5
10
15
20
25
time in hours from 0 UT 2018093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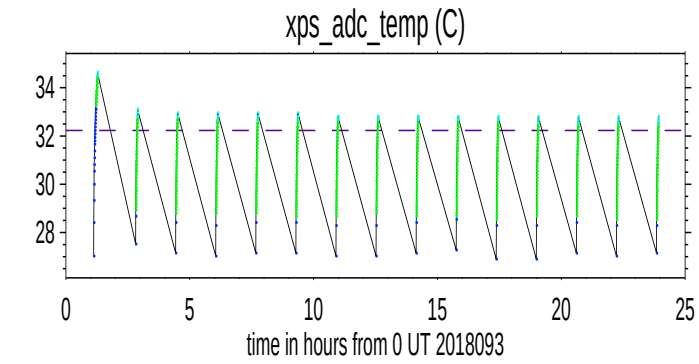
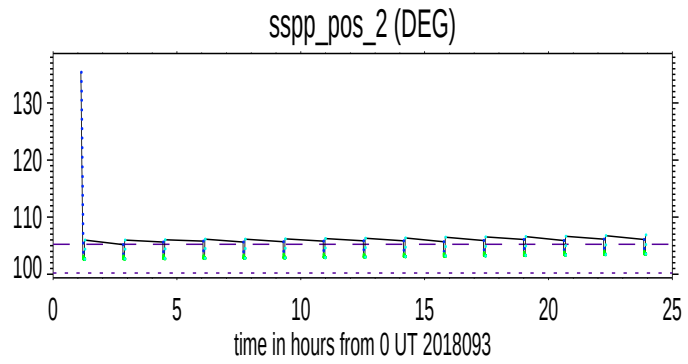
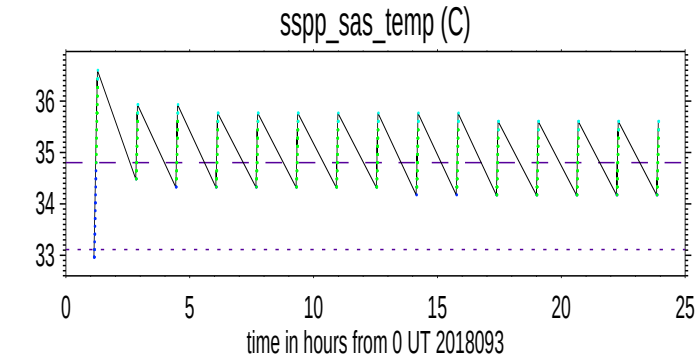
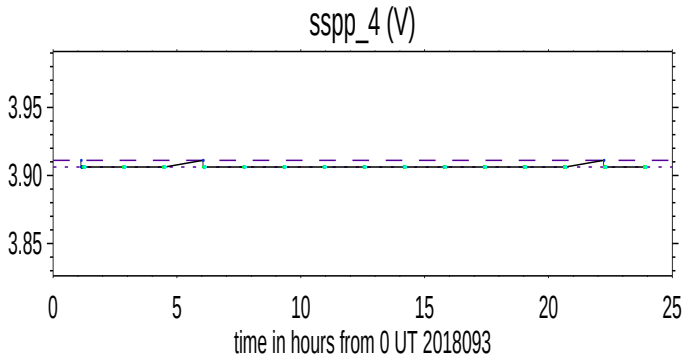
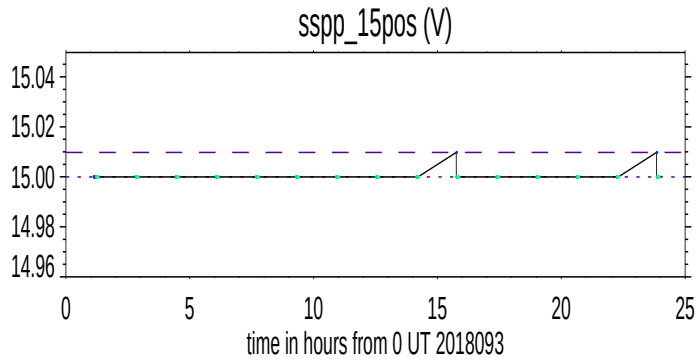
32
30
28
26
0
5
10
15
20
25
time in hours from 0 UT 2018093

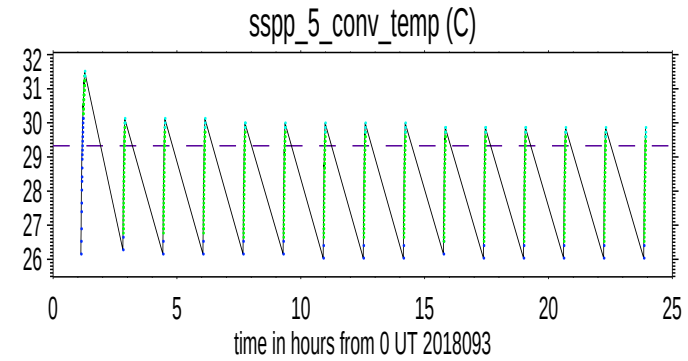

xps_adc_temp (C)
34
32
30
28
0
5
10
15
20
25
time in hours from 0 UT 2018093

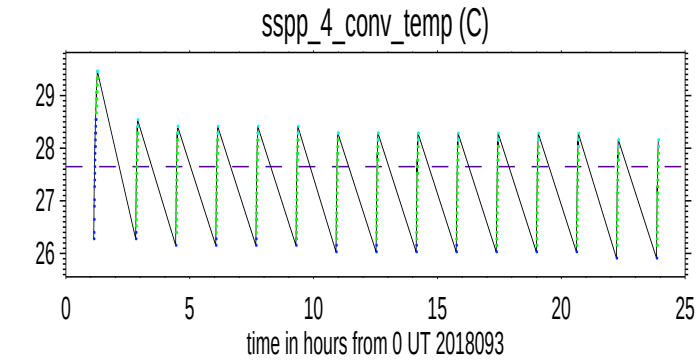

sspp_pos_2 (DEG)
130
120
110
100
0
5
10
15
20
25
time in hours from 0 UT 2018093

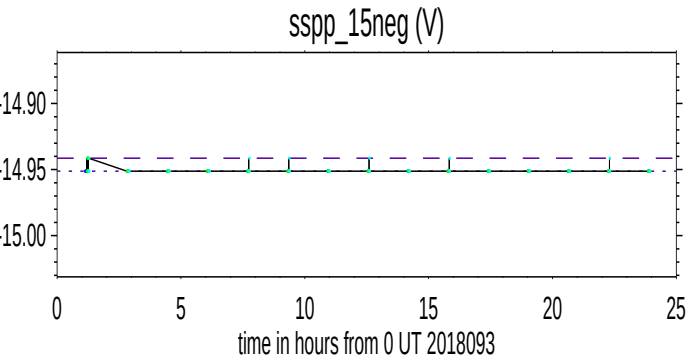

sspp_sas_temp (C)
36
35
34
33
0
5
10
15
20
25
time in hours from 0 UT 2018093

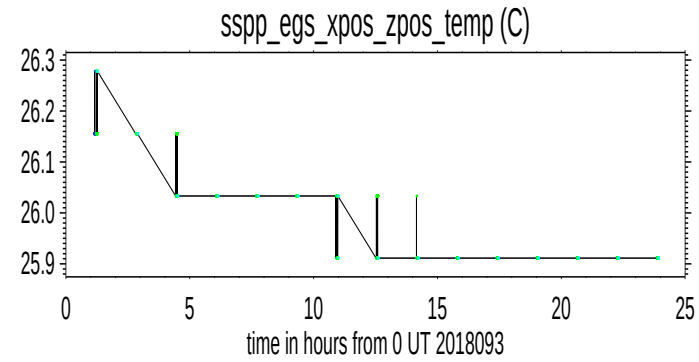

sspp_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2018093

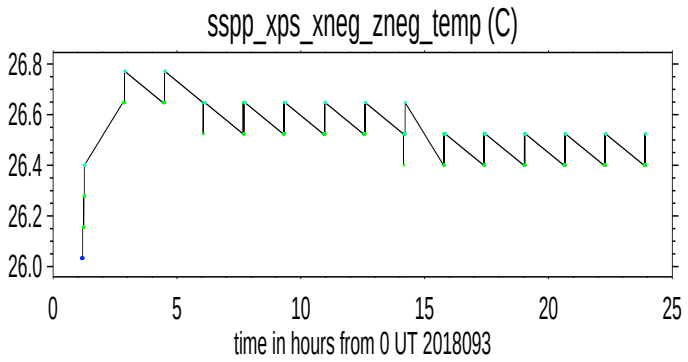

sspp_15pos (V)
15.04
15.02
15.00
14.98
14.96
0
5
10
15
20
25
time in hours from 0 UT 2018093

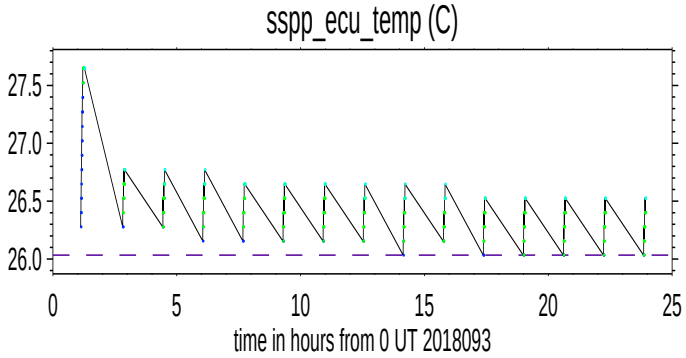

sspp_5_conv_temp (C)
32
31
30
29
28
27
26
0
5
10
15
20
25
time in hours from 0 UT 2018093

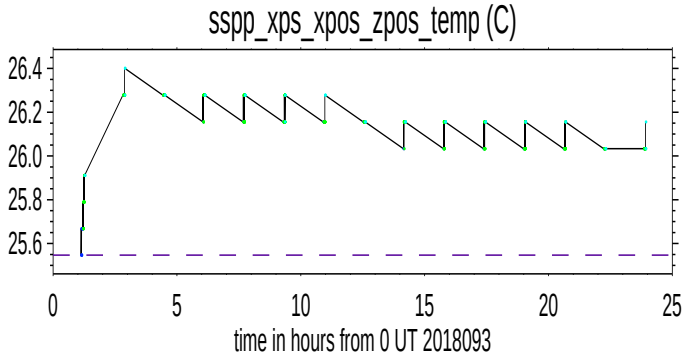

sspp_4_conv_temp (C)
29
28
27
26
0
5
10
15
20
25
time in hours from 0 UT 2018093

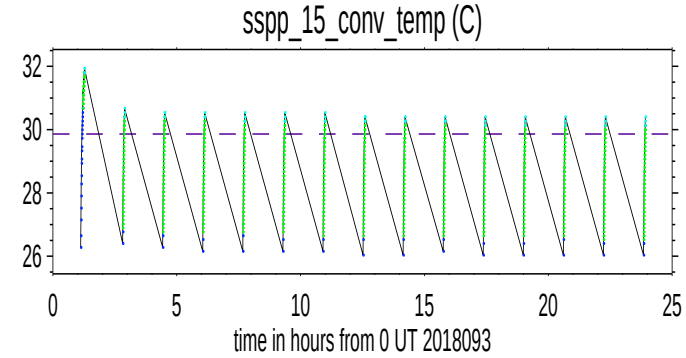

sspp_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2018093

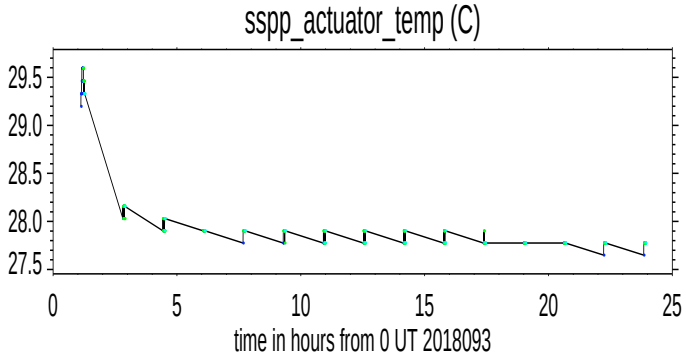

sspp_egs_xpos_zpos_temp (C)
26.3
26.2
26.1
26.0
25.9
0
5
10
15
20
25
time in hours from 0 UT 2018093

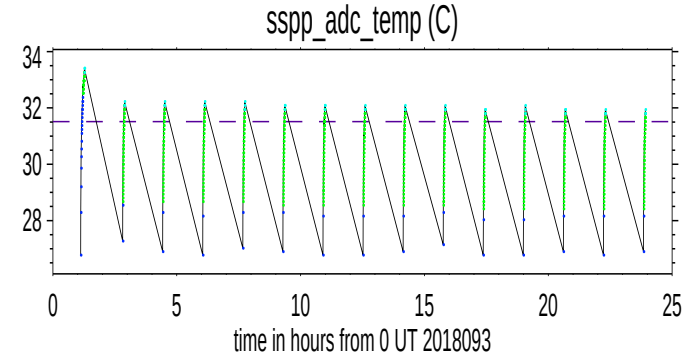

sspp_xps_xneg_zneg_temp (C)
26.8
26.6
26.4
26.2
26.0
0
5
10
15
20
25
time in hours from 0 UT 2018093

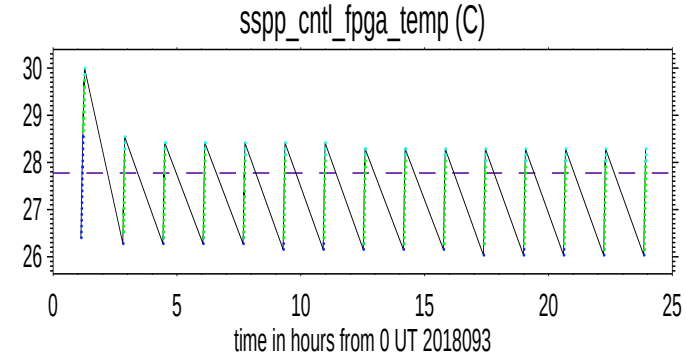

sspp_ecu_temp (C)
27.5
27.0
26.5
26.0
0
5
10
15
20
25
time in hours from 0 UT 2018093

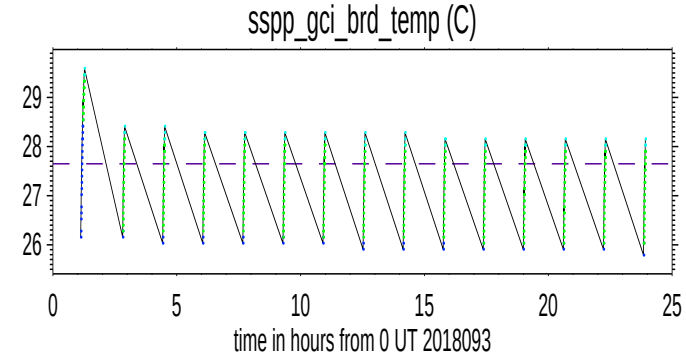

sspp_xps_xpos_zpos_temp (C)
26.4
26.2
26.0
25.8
25.6
0
5
10
15
20
25
time in hours from 0 UT 2018093

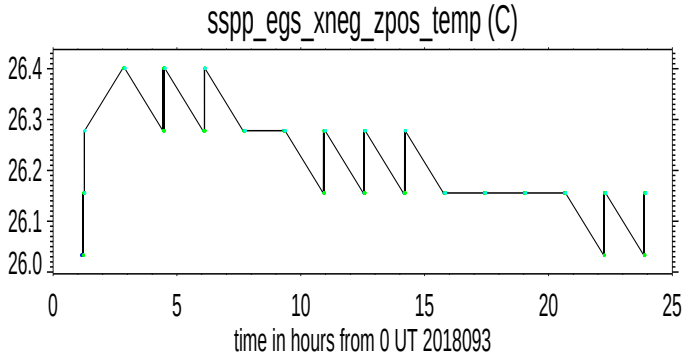

sspp_15_conv_temp (C)
32
30
28
26
0
5
10
15
20
25
time in hours from 0 UT 2018093

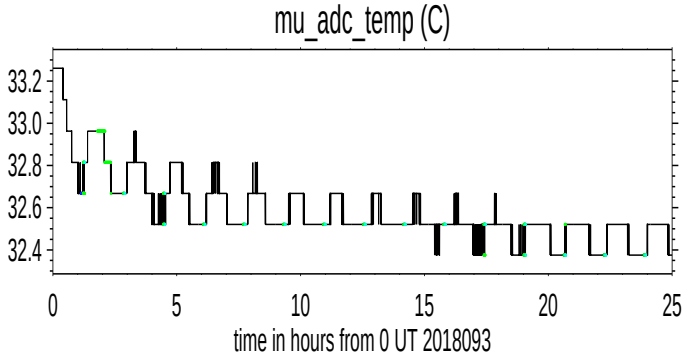

sspp_actuator_temp (C)
29.5
29.0
28.5
28.0
27.5
0
5
10
15
20
25
time in hours from 0 UT 2018093

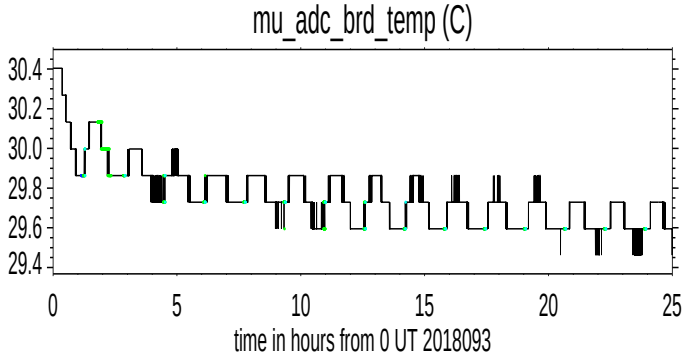

sspp_adc_temp (C)
34
32
30
28
0
5
10
15
20
25
time in hours from 0 UT 2018093

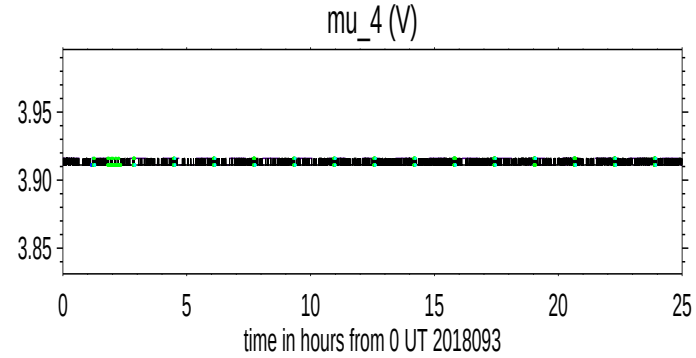

sspp_cntl_fpga_temp (C)
30
29
28
27
26
0
5
10
15
20
25
time in hours from 0 UT 2018093

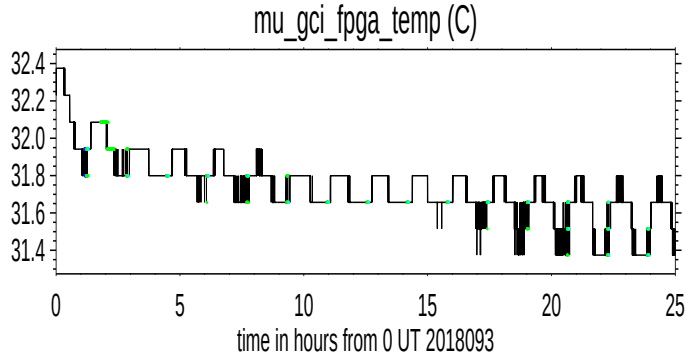

sspp_gci_brd_temp (C)
29
28
27
26
0
5
10
15
20
25
time in hours from 0 UT 2018093

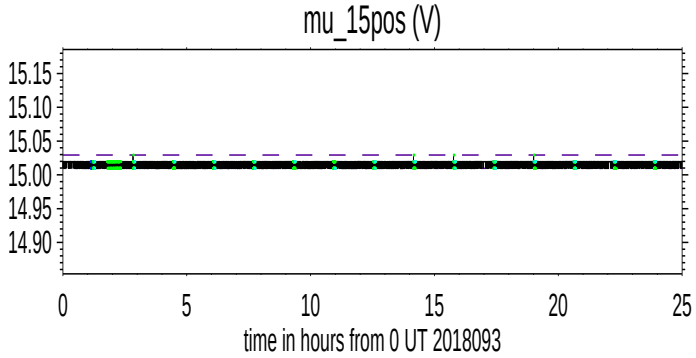

sspp_egs_xneg_zpos_temp (C)
26.4
26.3
26.2
26.1
26.0
0
5
10
15
20
25
time in hours from 0 UT 2018093

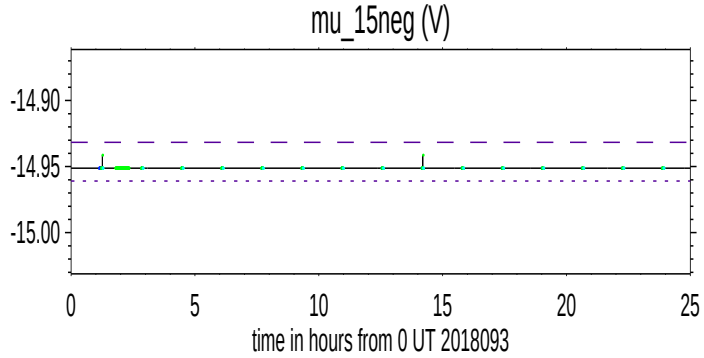

mu_adc_temp (C)
33.2
33.0
32.8
32.6
32.4
0
5
10
15
20
25
time in hours from 0 UT 2018093

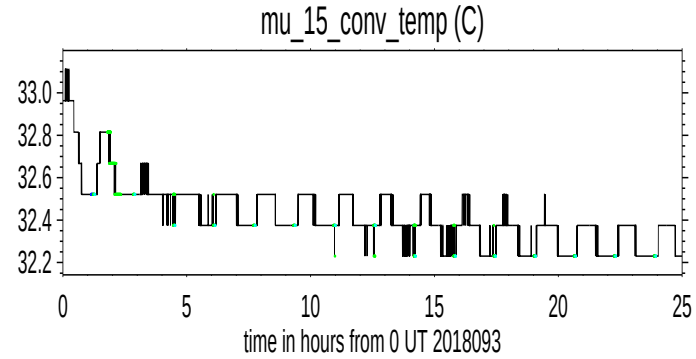

mu_adc_brd_temp (C)
30.4
30.2
30.0
29.8
29.6
29.4
0
5
10
15
20
25
time in hours from 0 UT 2018093

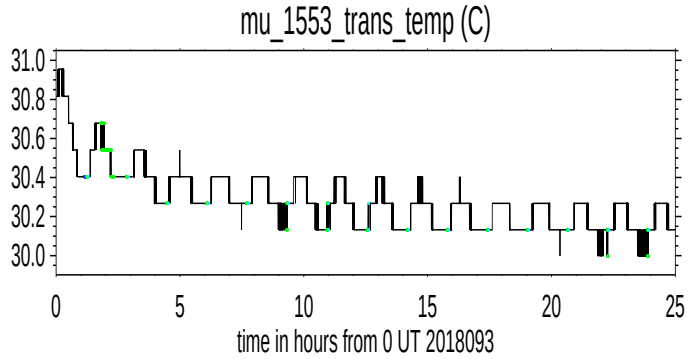

mu_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2018093

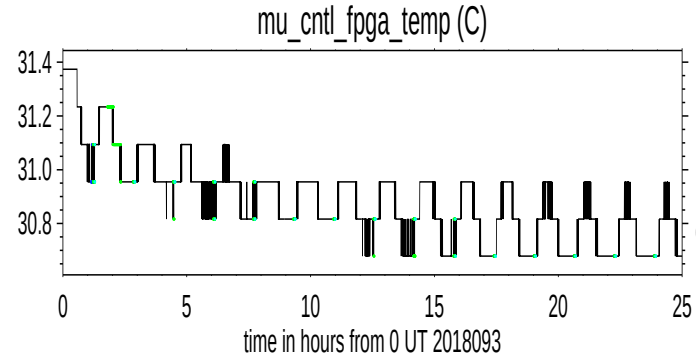

mu_gci_fpga_temp (C)
32.4
32.2
32.0
31.8
31.6
31.4
0
5
10
15
20
25
time in hours from 0 UT 2018093

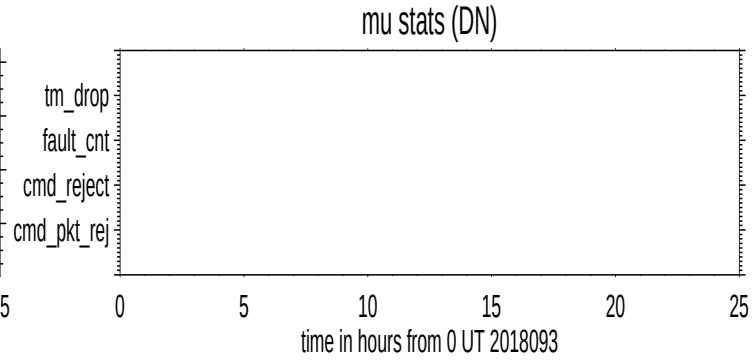

mu_15pos (V)
15.15
15.10
15.05
15.00
14.95
14.90
0
5
10
15
20
25
time in hours from 0 UT 2018093

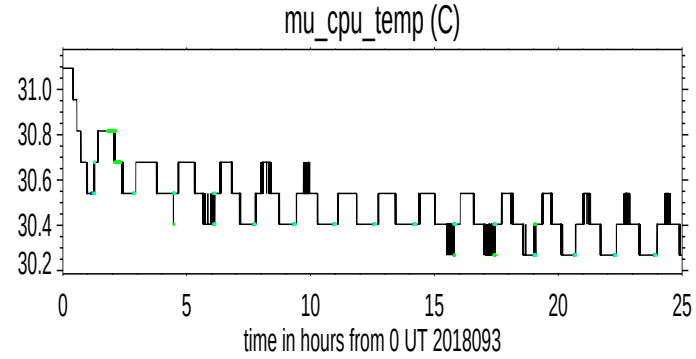

mu_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2018093

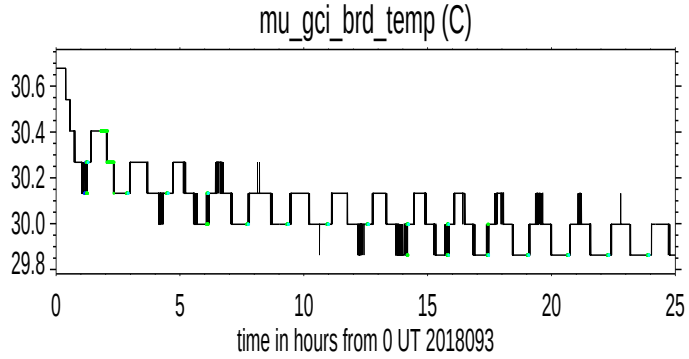

mu_15_conv_temp (C)
33.0
32.8
32.6
32.4
32.2
0
5
10
15
20
25
time in hours from 0 UT 2018093

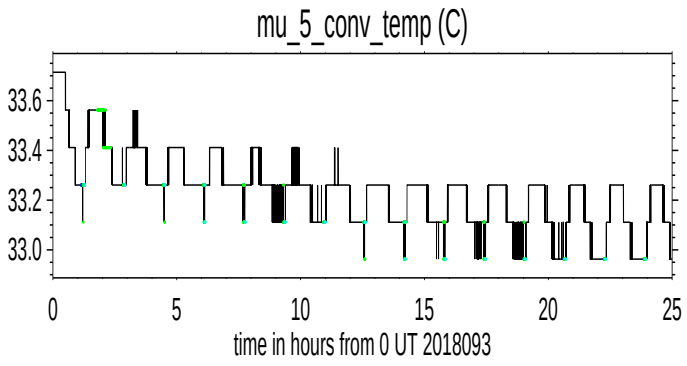

mu_1553_trans_temp (C)
31.0
30.8
30.6
30.4
30.2
30.0
0
5
10
15
20
25
time in hours from 0 UT 2018093

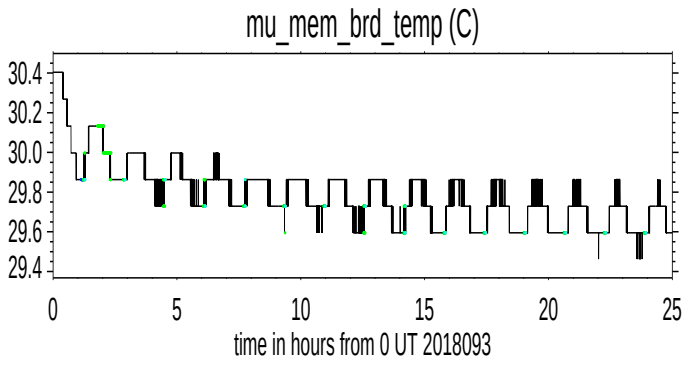

mu_cntl_fpga_temp (C)
31.4
31.2
31.0
30.8
0
5
10
15
20
25
time in hours from 0 UT 2018093

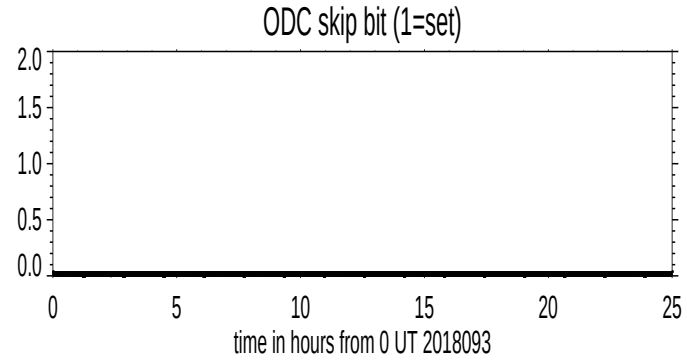

mu stats (DN)
tm_drop
fault_cnt
cmd_reject
cmd_pkt_rej
0
5
10
15
20
25
time in hours from 0 UT 2018093

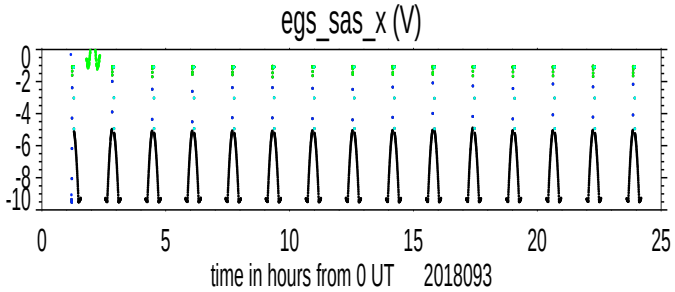

mu_cpu_temp (C)
31.0
30.8
30.6
30.4
30.2
0
5
10
15
20
25
time in hours from 0 UT 2018093

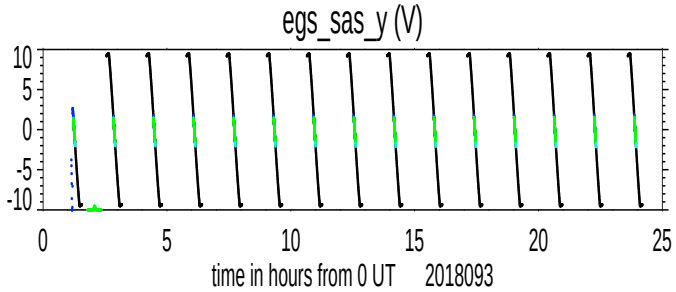

mu_gci_brd_temp (C)
30.6
30.4
30.2
30.0
29.8
0
5
10
15
20
25
time in hours from 0 UT 2018093

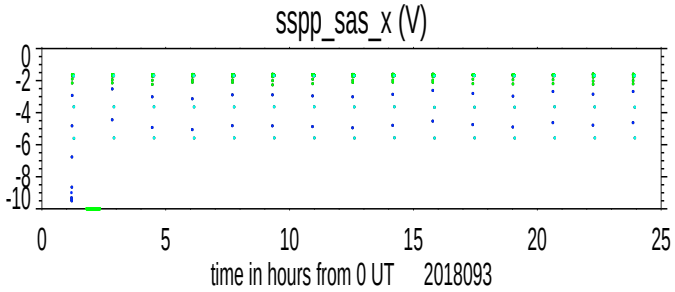

mu_5_conv_temp (C)
33.6
33.4
33.2
33.0
0
5
10
15
20
25
time in hours from 0 UT 2018093

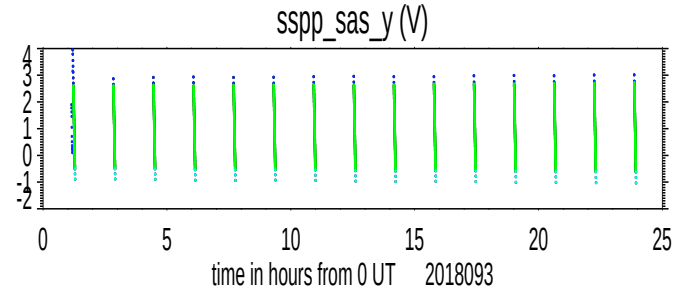

mu_mem_brd_temp (C)
30.4
30.2
30.0
29.8
29.6
29.4
0
5
10
15
20
25
time in hours from 0 UT 2018093

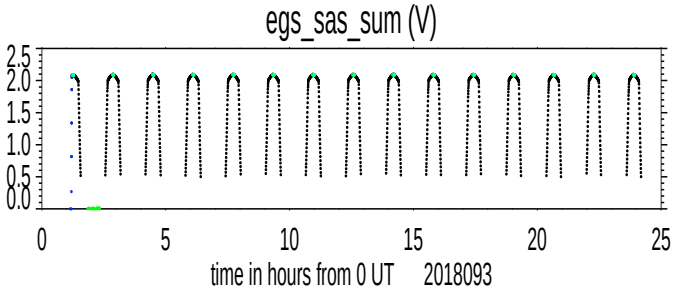

ODC skip bit (1=set)
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2018093

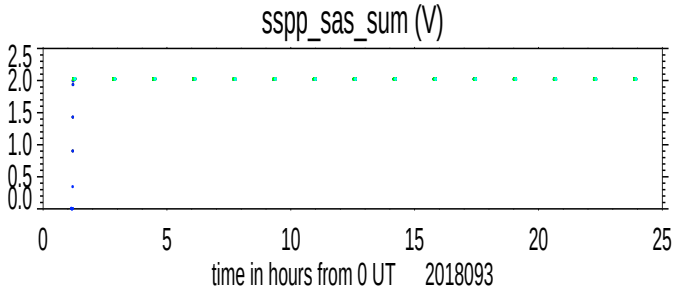

egs_sas_x (V)
time in hours from 0 UT 2018093

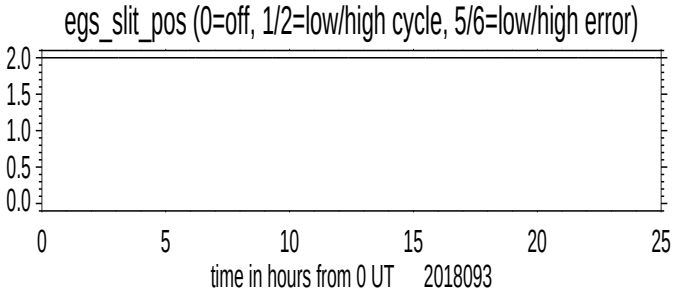

egs_sas_y (V)
time in hours from 0 UT 2018093

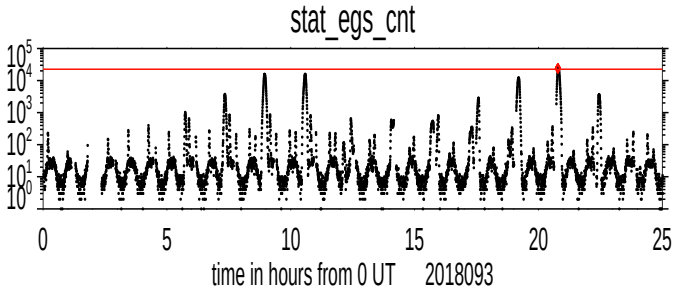

sspp_sas_x (V)
time in hours from 0 UT 2018093

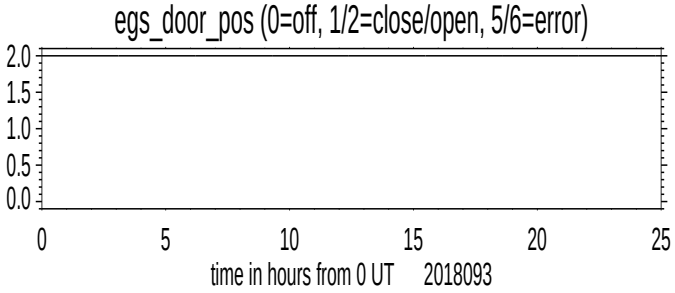

sspp_sas_y (V)
time in hours from 0 UT 2018093

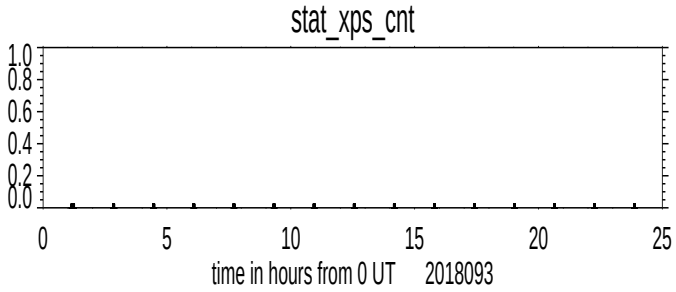

egs_sas_sum (V)
time in hours from 0 UT 2018093

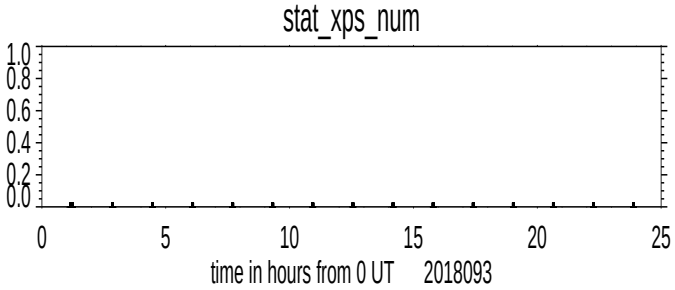

sspp_sas_sum (V)
time in hours from 0 UT 2018093

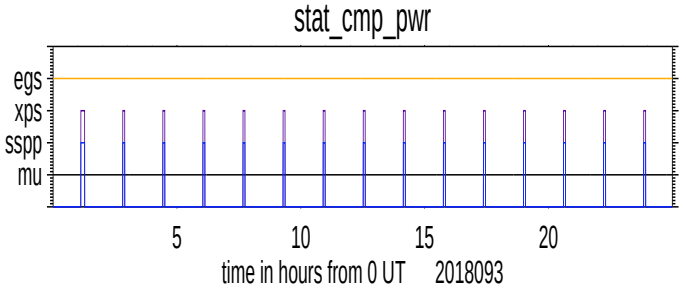

egs_slit_pos (0=off, 1/2=low/high cycle, 5/6=low/high error)
time in hours from 0 UT 2018093


stat_egs_cnt
time in hours from 0 UT 2018093

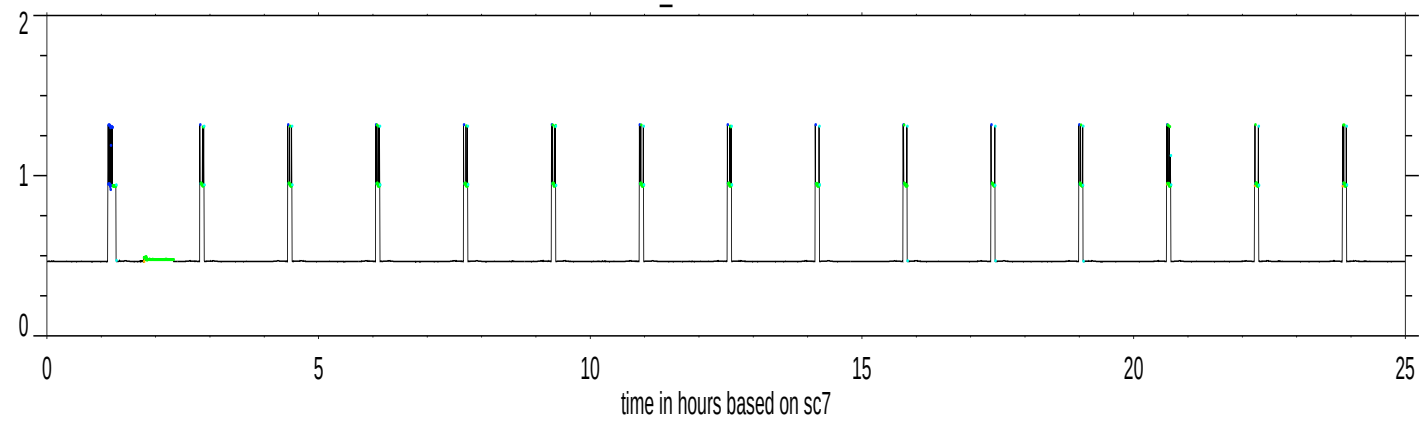

egs_door_pos (0=off, 1/2=close/open, 5/6=error)
time in hours from 0 UT 2018093


stat_xps_cnt
time in hours from 0 UT 2018093

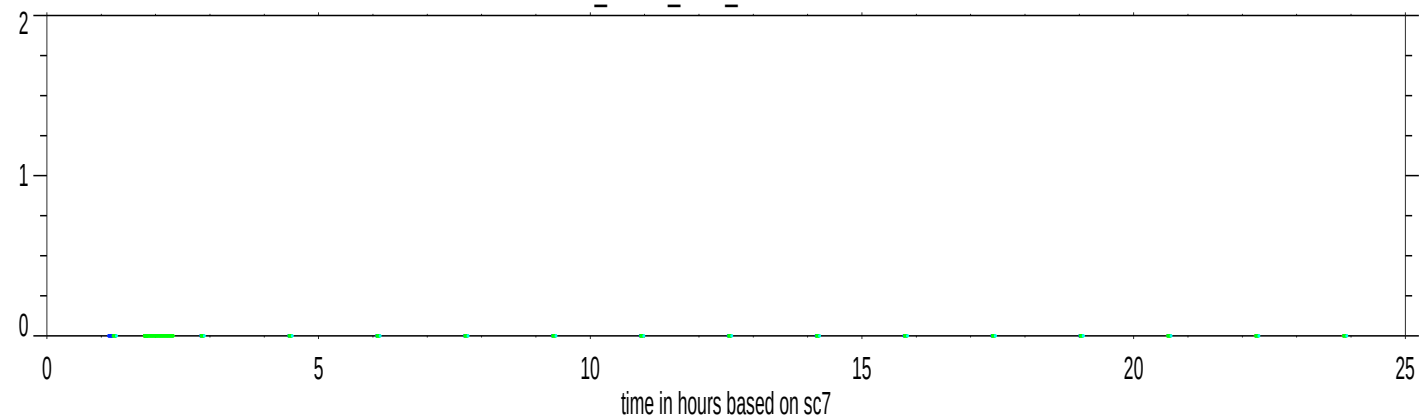

stat_xps_num
time in hours from 0 UT 2018093


stat_cmp_pwr
egs
xps
sspp
mu
time in hours from 0 UT 2018093

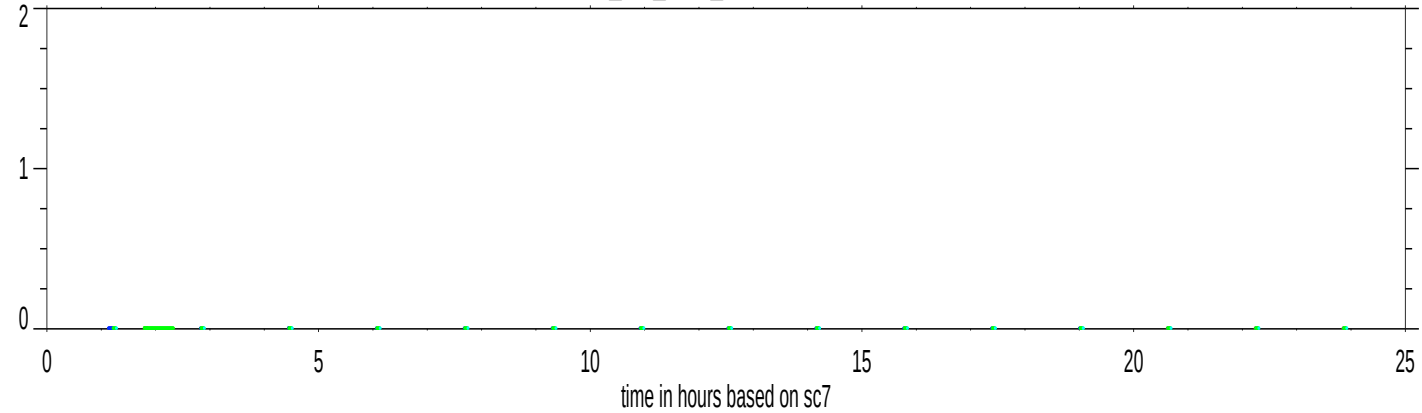
SEE_CUR 2018093



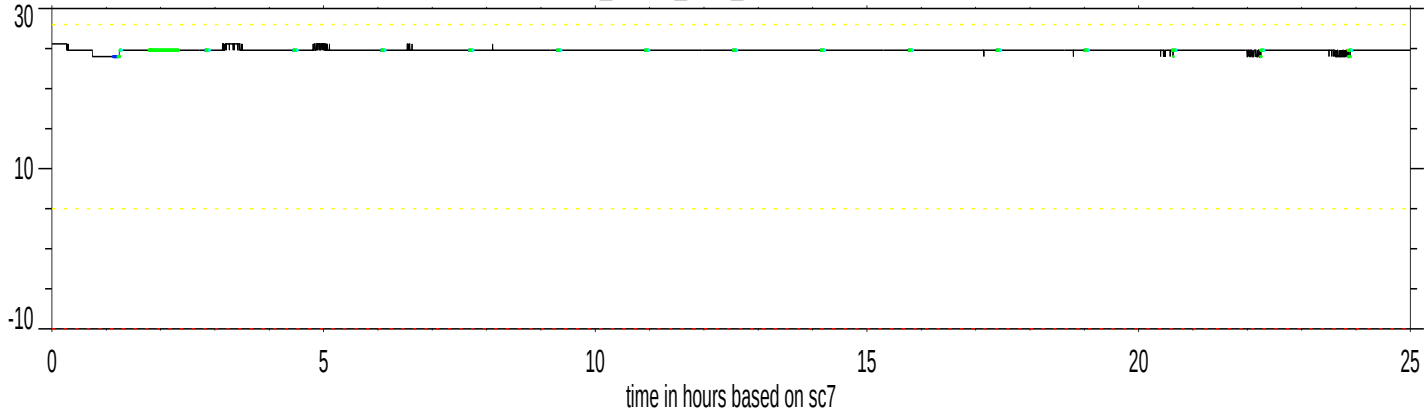
SEE_SURV_HTR_CUR 2018093



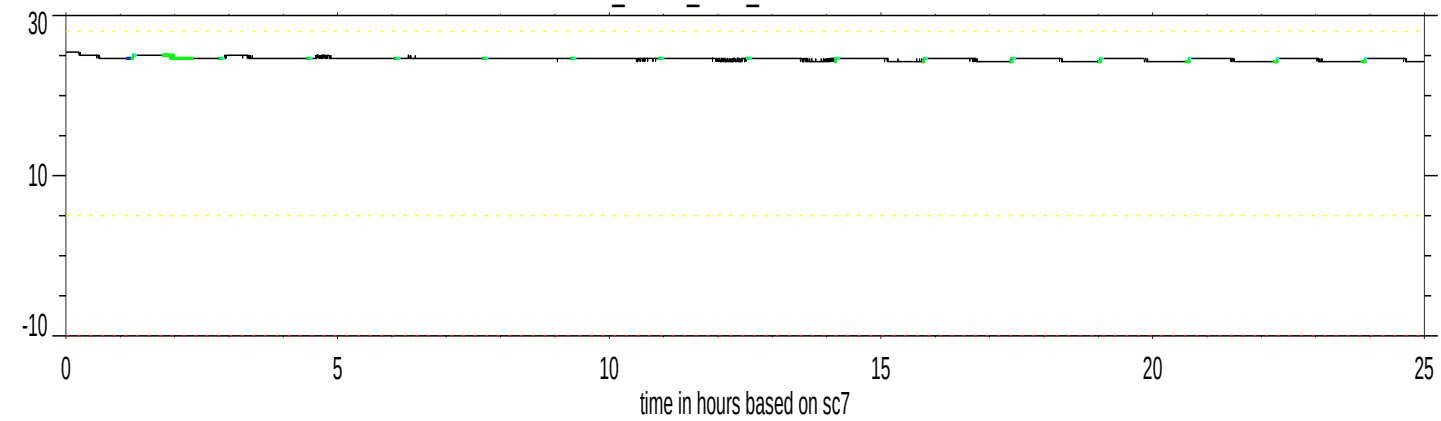
SEE_OP_HTR_CUR 2018093



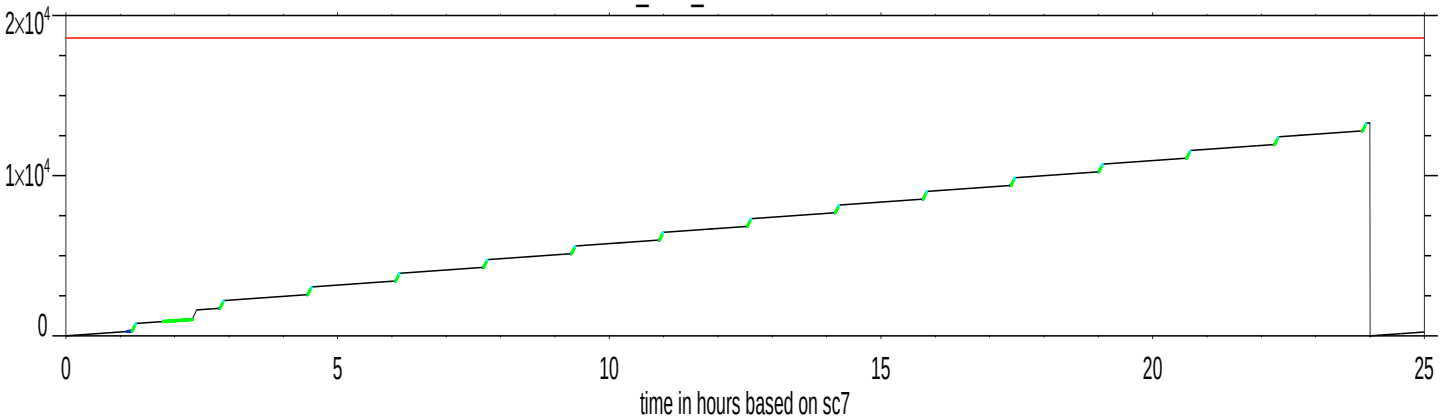
SSPP_BHND_XPS_TEMP 2018093



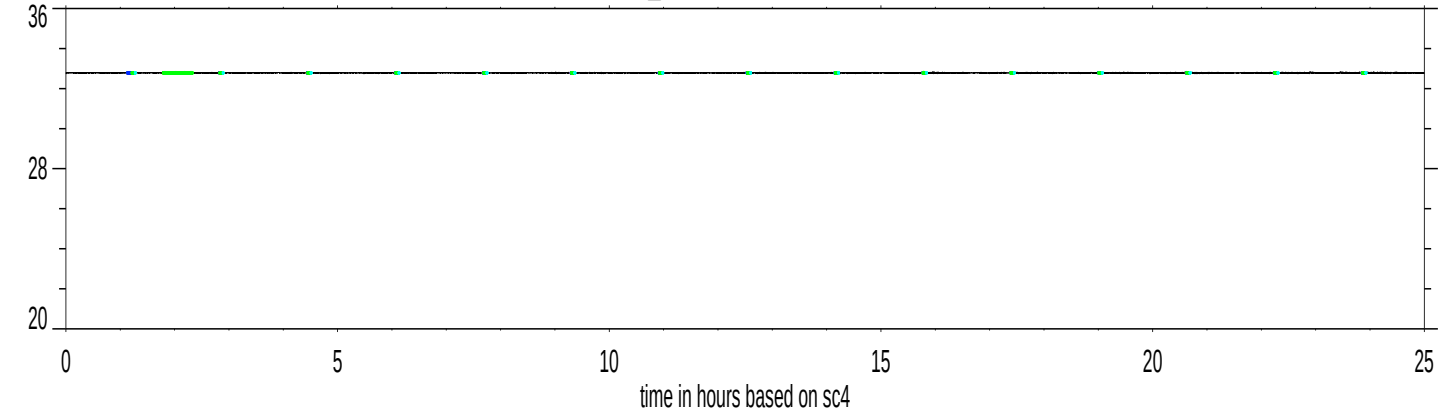
SSPP_BHND_MTR_TEMP 2018093



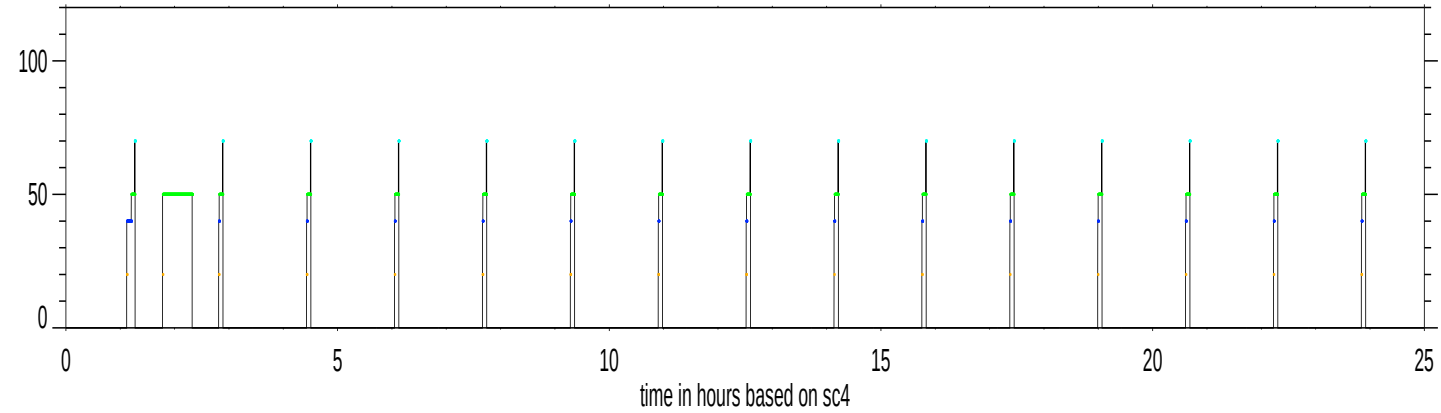
SEE_PKT_COUNT 2018093

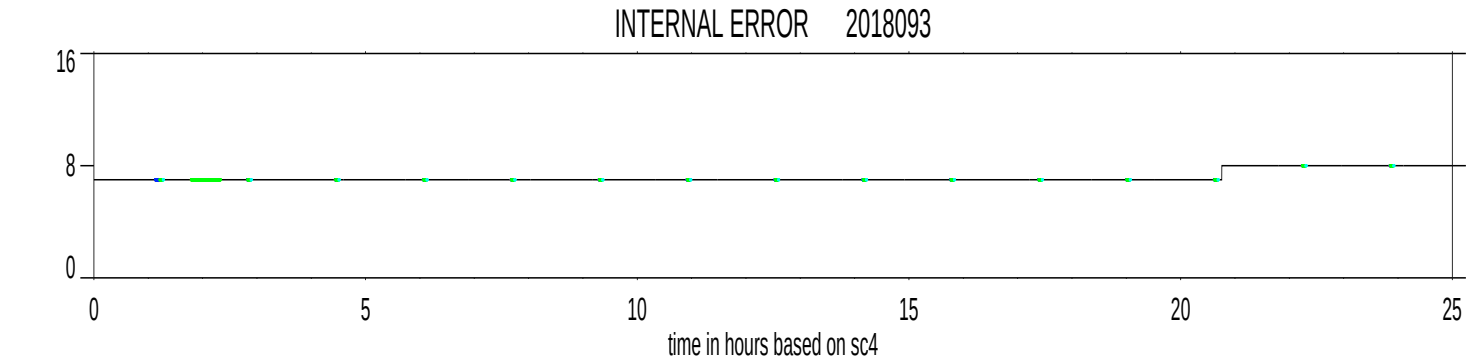


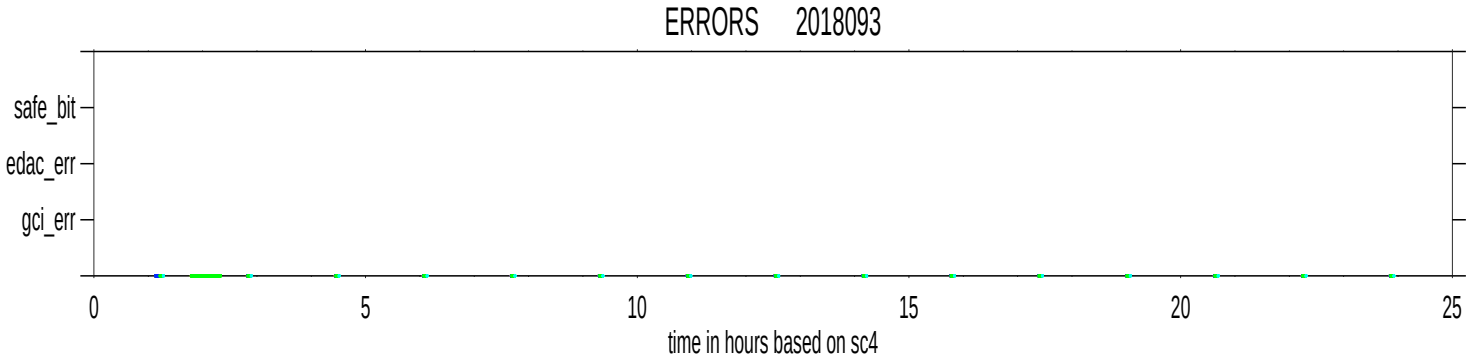
BUS_VOLTAGE 2018093

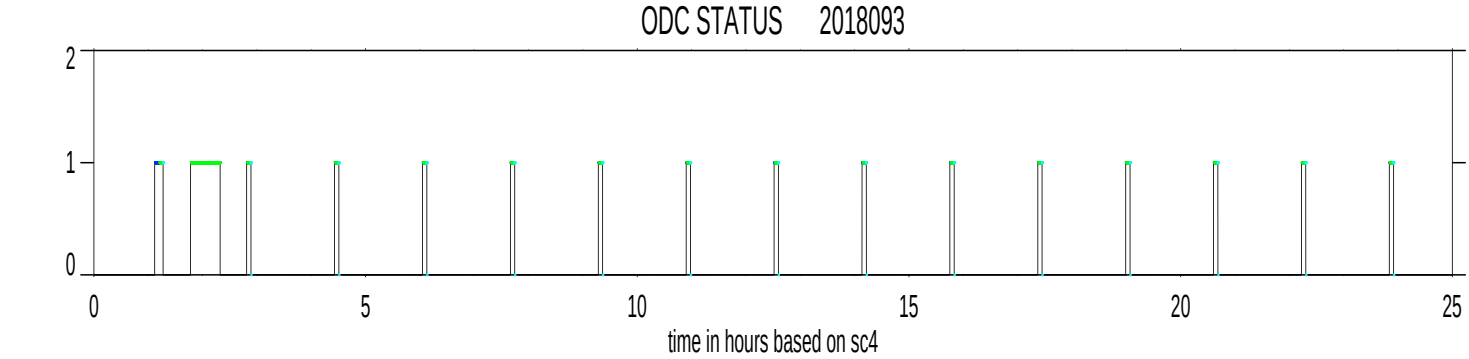


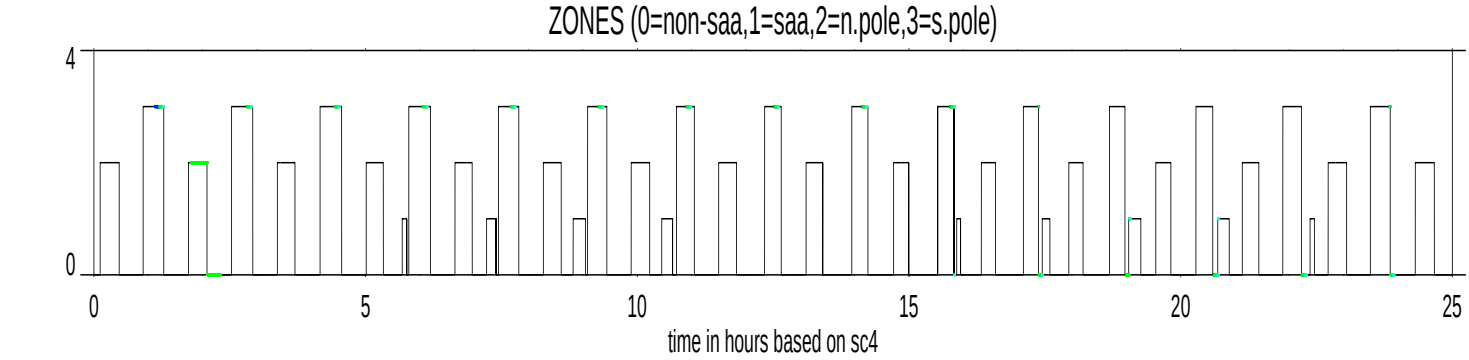
SEE_MU Operational Mode 2018093

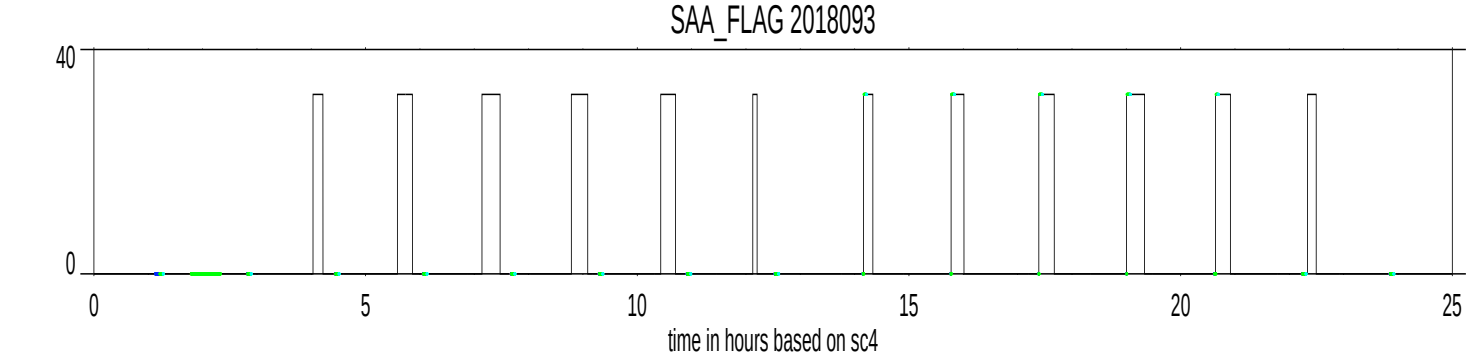


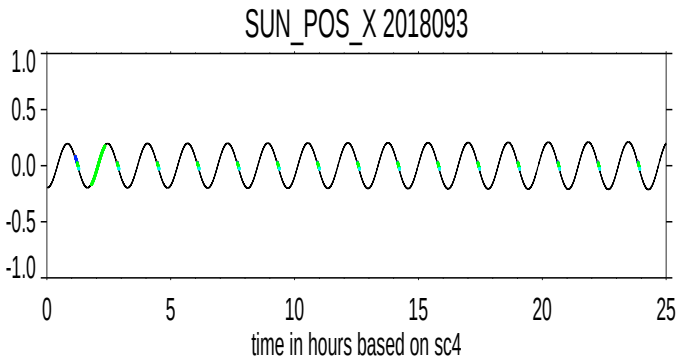

INTERNAL ERROR 2018093
16
8
0
0
5
10
15
20
25
time in hours based on sc4

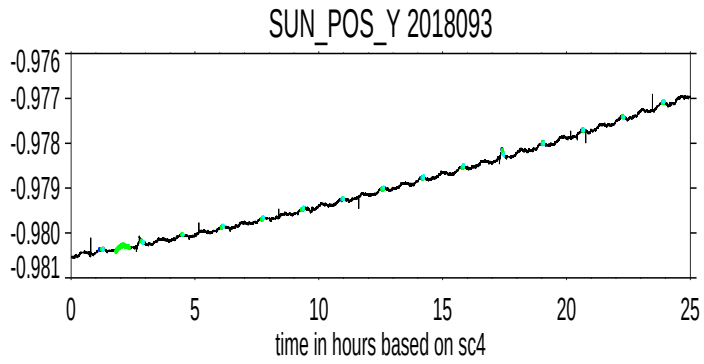

ERRORS 2018093
safe_bit
edac_err
gci_err
0
5
10
15
20
25
time in hours based on sc4

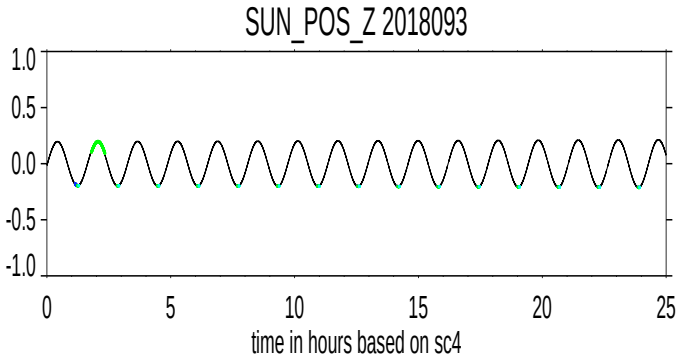

ODC STATUS 2018093
2
1
0
0
5
10
15
20
25
time in hours based on sc4

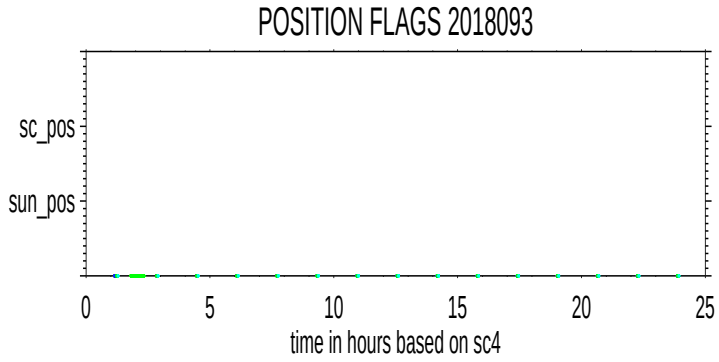

ZONES (0=non-saa,1=saa,2=n.pole,3=s.pole)
4
0
0
5
10
15
20
25
time in hours based on sc4

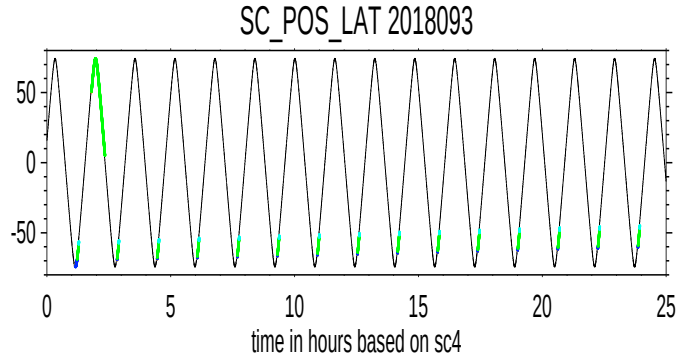

SAA_FLAG 2018093
40
0
0
5
10
15
20
25
time in hours based on sc4

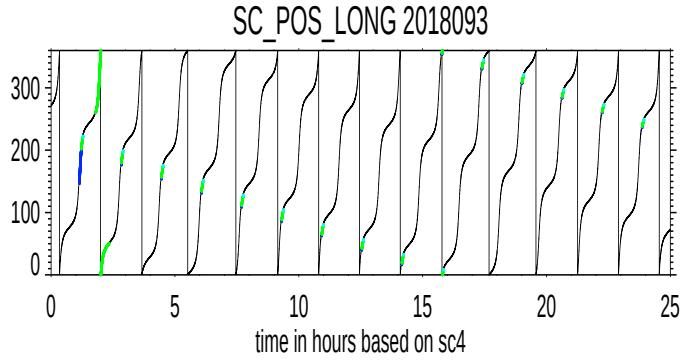

SUN_POS_X 2018093
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4

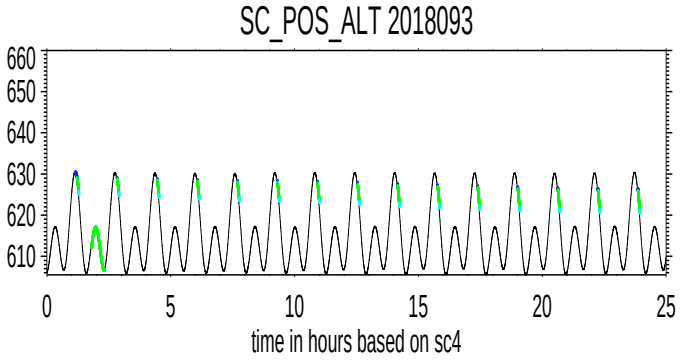

SUN_POS_Y 2018093
-0.976
-0.977
-0.978
-0.979
-0.980
-0.981
0
5
10
15
20
25
time in hours based on sc4

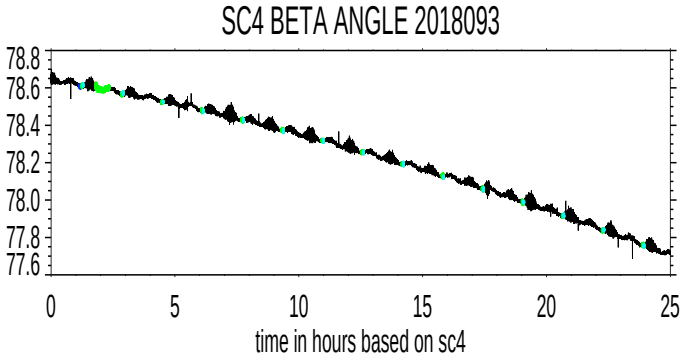

SUN_POS_Z 2018093
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4


POSITION FLAGS 2018093
sc_pos
sun_pos
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LAT 2018093
50
0
-50
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LONG 2018093
300
200
100
0
0
5
10
15
20
25
time in hours based on sc4


SC_POS_ALT 2018093
660
650
640
630
620
610
0
5
10
15
20
25
time in hours based on sc4


SC4 BETA ANGLE 2018093
78.8
78.6
78.4
78.2
78.0
77.8
77.6
0
5
10
15
20
25
time in hours based on sc4